

WHAT IS CLAIMED IS:

1. A power management method for an electronic apparatus powered by a battery unit, the electronic apparatus being installed with an operating system that supports a power management specification and that is operable so as to obtain an actual remaining capacity of the battery unit and so as to display the actual remaining capacity of the battery unit on a display device, said method comprising the steps of:
 - (A) inputting a user-defined remaining capacity for the battery unit into the electronic apparatus; and
 - (B) reporting the user-defined remaining capacity to the operating system such that when the operating system compares the user-defined remaining capacity of the battery unit with a reference value according to the power management specification and determines the user-defined remaining capacity to be lower than the reference value, the operating system enables operation of the electronic apparatus in a low power consumption mode.
2. The power management method in Claim 1, wherein the power management specification is an Advanced Configuration and Power Interface (ACPI) specification.
3. The power management method in Claim 1, wherein the user-defined remaining capacity is inputted through a user interface.
4. A power management method for an electronic apparatus

powered by a battery unit, the electronic apparatus being installed with an operating system that supports a power management specification and that is operable so as to obtain a remaining capacity of the battery unit, said method comprising the step of:

inputting a user-defined threshold value into the electronic apparatus such that when the operating system compares the remaining capacity of the battery unit with the user-defined threshold value according to the power management specification and determines the remaining capacity of the battery unit to be lower than the user-defined threshold value, the operating system enables operation of the electronic apparatus in a low power consumption mode.

5. The power management method in Claim 4, wherein the power management specification is an Advanced Configuration and Power Interface (ACPI) specification.

6. The power management method in Claim 4, wherein the threshold value is inputted through a user interface.

7. A power management method for an electronic apparatus powered by a battery unit, the electronic apparatus being installed with an operating system that supports a power management specification and that is operable so as to obtain an actual remaining capacity of the battery unit and so as to display the actual remaining capacity of the battery unit on a display device, said method comprising the steps of:

(A) inputting one of a user-defined remaining capacity for the battery unit and a user-defined threshold value into the electronic apparatus;

5 (B) when the user-defined remaining capacity is inputted, reporting the user-defined remaining capacity to the operating system such that when the operating system compares the user-defined remaining capacity with a preset reference value according to the power management specification and determines the
10 user-defined remaining capacity to be lower than the reference value, the operating system enables operation of the electronic apparatus in a low power consumption mode; and

(C) when the user-defined threshold value is inputted,
15 enabling the operating system to compare the actual remaining capacity of the battery unit with the user-defined threshold value according to the power management specification such that the operating system enables operation of the electronic apparatus in the
20 low power consumption mode when the operating system determines the actual remaining capacity of the battery unit to be lower than the user-defined threshold value.

8. The power management method in Claim 7, wherein the power management specification is an Advanced
25 Configuration and Power Interface (ACPI) specification.